

JOHN ASHCROFT  
Governor

G. TRACY MEHAN III  
Director



STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

P.O. Box 176  
Jefferson City, MO 65102

Division of Energy  
Division of Environmental Quality  
Division of Geology and Land Survey  
Division of Management Services  
Division of Parks, Recreation,  
and Historic Preservation

December 24, 1991

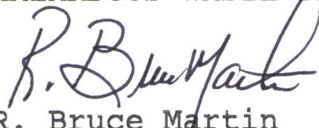
Mr. Ruben McCullers  
U.S. EPA Region VII  
726 Minnesota Ave.  
Kansas City, KS 66101

Dear Mr. McCullers:

For your use, I have enclosed a copy of Knapheide's paint filter laboratory analysis. Mr. Harold Huggins of Knapheide forwarded a legible copy to this office at my request. You may keep this copy for your files.

Sincerely,

HAZARDOUS WASTE PROGRAM

  
R. Bruce Martin  
Chief  
Hazardous Waste Enforcement Unit

RBM:egs

Enclosure



R00000367  
RCRA Records Center

RECEIVED

DEC 27 1991

USEPA, RCRA Branch



The Knapheide Mfg. Co. ■ 436 South Sixth Street ■ Box C 140 ■ Quincy, Illinois 62306-2140  
TEL: (217) 222-7131 ■ FAX: (217) 222-5939 OR (800) 654-8997

RECEIVED  
91 DEC 23 PM 1 37  
HAZARDOUS WASTE PROGRAM  
MISSOURI DEPARTMENT OF  
NATURAL RESOURCES

December 19, 1991

Mr. Bruce Martin  
Northeast Regional Office  
Hazardous Waste Enforcement Unit  
205 Jefferson Street  
PO Box 176  
Jefferson City, MO 65102

Dear Sir:

Per our telephone conversation on December 18, I have enclosed a copy of S.C.I.'s test report #91-1034.

As you are aware, these filters were used in Chief Supply's Fuels Program in May, 1991. We have manifested two additional filter shipments to Chief Supply since then.

If I can be of further assistance or you would like to meet and discuss this matter, please give me a call.

Sincerely,

*Harold Huggins*  
The Knapheide Mfg. Co.  
Harold Huggins  
Facilities Manager

HH/dd  
cc: Gerry Korb



ENVIRONMENTAL, INC. LABORATORY SERVICES DIVISION

DATA SUMMARY

Client: Knapheide Manufacturing Company  
436 South Sixth Street, P.O. Box C-140  
Quincy, Illinois 62301

Project No.: 91-1034

Sample Matrix: Filters

Date Sampled: 2/14/91  
Date Received: 2/18/91  
Date Analyzed: 3/4/91  
EPA Method No.: 1311

Sampled By: SCIE  
Sample Location: Knapheide

## TOXICITY CHARACTERISTIC LEACHATE PROCEDURE (TCLP)

SCIE Sample No.: 4310

Sample Identity: Paint Composite

Contaminant	Results (ppm)*	Regulatory Level (ppm)*
Arsenic	ND(**) < 0.1	5.0
Barium	0.19	100.0
Benzene	ND < 0.1	0.5
Cadmium	ND < 0.1	1.0
Carbon tetrachloride	ND < 0.01	0.5
Chlorobenzene	ND < 0.1	100.0
Chloroform	ND < 0.1	6.0
Chromium	6.25	5.0
o-Cresol	ND < 10.0	200
m+p-Cresol	ND < 10.0	200
1,4-Dichlorobenzene	ND < 0.5	7.5
1,2-Dichloroethane	ND < 0.1	0.5
1,1-Dichloroethylene	ND < 0.1	0.7
2,4-Dinitrotoluene	ND < 0.1	0.13
Hexachlorobenzene	ND < 0.1	0.13
Hexachlorobutadiene	ND < 0.1	0.5
Hexachloroethane	ND < 0.1	3.0
Lead	ND < 0.1	5.0
Mercury	ND < 0.001	0.2
Methyl ethyl ketone	9.4	200.0
Nitrobenzene	ND < 0.5	2.0
Pentachlorophenol	ND < 10.0	100.0
Pyridine	ND < 2.0	5.0
Selenium	ND < 0.1	1.0
Silver	ND < 0.05	5.0
Tetrachloroethylene	ND < 0.1	0.7
Trichloroethylene	ND < 0.1	0.5
2,4,5-Trichlorophenol	ND < 10.0	400.0
2,4,6-Trichlorophenol	ND < 1.0	2.0
Vinyl Chloride	ND < 0.1	0.2

\* ppm = parts per million

\*\*ND = none detected above method detection limit





Sample Number	Sample Identity	Ignitability (degrees F)
4310	Composite	> 200

Submitted By:

3/12/91

Date

File:1034TCLP.dta

Elizabeth M. CohoonElizabeth M. Cohoon  
Laboratory Manager